

**AMENDMENTS TO THE SPECIFICATION**

Please amend Paragraph 0086 starting on page 27 as follows:

[0087] In one embodiment, the test signals will be determined using an experimental setup as set forth in Figure 1. A heat source 2 and a portable spectrofluorometer 4 are used to determine a test signal of a test polymer 10. The spectrofluorometer 4 is equipped with a shutter 18 and/or an optical filter 14. Light from the laser 2 is focused into a first optical arm 6, one of two arms of a bifurcated fiber-optic reflection probe 8. Emission light from the sample 10 is collected when the common end 8a of the fiber-optic probe 8 is positioned near the sample 10 at a 0 or 45 angle to the normal to the surface 12. The second optical fiber arm ~~12~~ 19 of the probe 8 is coupled to the spectrometer 4. In some experimental setups, excitation light may be blocked from entering the spectrometer 4 with the long-pass optical filter 14. Processing of collected spectra is performed using appropriate software on a computer 16. One example of appropriate software is KaleidaGraph of Synergy Software, Reading, PA.